

**U.S. DEPARTMENT OF LABOR
WORKPLACE STANDARDS ADMINISTRATION
BUREAU OF LABOR STANDARDS
MATERIAL SAFETY DATA SHEET**

MDC CONTROL NO. _____

SECTION I: MATERIAL AND MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME PANTHER CHEMICAL CO., INC.		EMERGENCY TELEPHONE NO. 817/834-7164
ADDRESS (NUMBER, STREET, CITY, STATE AND ZIP CODE) 600 N. Beach, Ft. Worth, Texas 76101		
CHEMICAL NAME AND SYNONYMS	TRADE NAME AND SYNONYMS PANTHER D-23	
CHEMICAL FAMILY	FORMULA Sodium Salts of Inorganic Compounds & Surfactants	

SECTION II: HAZARDOUS INGREDIENTS*

PAINTS, PRESERVATIVES/SOLVENTS	%	TLV (UNITS)	ALLOYS AND METALLIC COATINGS	%	TLV (UNITS)
PIGMENTS N/A			BASE METAL N/A		
CATALYST N/A			ALLOYS N/A		
VEHICLE N/A			METALLIC COATINGS N/A		
SOLVENTS N/A			FILLER METAL PLUS COATING OR CORE FLUX N/A		
ADDITIVES N/A			OTHERS N/A		
OTHERS N/A					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES*				%	TLV (UNITS)
Sodium Metasilicate-Pentahydrate				26	

SECTION III: PHYSICAL DATA

BOILING POINT (°F) Powder		SPECIFIC GRAVITY (H ₂ O = 1) Powder
VAPOR PRESSURE (mm Hg.) Powder		PERCENT VOLATILE BY VOLUME (%) Powder
VAPOR DENSITY (AIR = 1) Powder		EVAPORATION RATE (_____ = 1) Powder
SOLUBILITY IN WATER	Soluble	

APPEARANCE AND ODOR White Crystalline Powder - Essentially Odorless

SECTION IV: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED) N/A	FLAMMABLE LIMITS Unknown	LeI	Uel
EXTINGUISHING MEDIA			

SPECIAL FIRE FIGHTING PROCEDURES

UNUSUAL FIRE AND EXPLOSION HAZARDS

*PLEASE DO NOT USE GENERALIZATIONS, SUCH AS PETROLEUM HYDROCARBONS, ALCOHOL, KETONES.
USE SPECIFIC CHEMICAL NAMES, SUCH AS METHANOL, BENZENE, PERCHLOROETHYLENE.

SECTION V: HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

Unknown

EFFECTS OF OVEREXPOSURE

Irritating to skin and eyes

EMERGENCY AND FIRST AID PROCEDURES

For contact flush with water, if irritation persists see a physician. Contains alkaline builders, but no free caustic.

SECTION VI: REACTIVITY DATA

STABILITY

UNSTABLE

CONDITIONS TO AVOID

STABLE

X

INCOMPATIBILITY (MATERIALS TO AVOID)

Strong Acids

HAZARDOUS DECOMPOSITION PRODUCTS

Unknown

HAZARDOUS
POLYMERIZATION

MAY OCCUR

CONDITIONS TO AVOID

WILL NOT OCCUR

SECTION VII: SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Sweep up powder and return to container if not contaminated. Flush off residue with water.

WASTE DISPOSAL METHOD

In accordance with local directives for alkaline powders.

SECTION VIII: SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (SPECIFY TYPE)

Dust mask recommended when measuring

VENTILATION

LOCAL EXHAUST

SPECIAL

Desirable, but not mandatory

MECHANICAL (GENERAL)

OTHER

PROTECTIVE GLOVES

Recommended

EYE PROTECTION

Safety glasses with shields

OTHER PROTECTIVE EQUIPMENT

None

SECTION IX: SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Store in a cool, dry area

OTHER PRECAUTIONS

William C. Chesser III

PREPARED BY

11/25/75

DATE